

AUG 24 2004

Substitute for form 1449 A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

Complete if Known	
Application Number	To be assigned
Filing Date	Concurrently Herewith
First Named Inventor	Rao et al.
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	5718-16B

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Column, Line, Where Relevant Passages or Relevant Figures Appear
		Office	Number	Kind Code (if known)		
RK	3	WO	93/08682	State University of New Jersey - Rutgers	05/13/1993	✓
RK	4	WO	94/16088	Rijksuni-Versitcit Leiden	07/21/1994	✓
RK	5	WO	95/22625	Affymax Technologies	08/24/1995	✓
RK	6	WO	95/31554	E.I. DuPont De Nemours and Company	11/23/1995	✓
RK	7	WO	96/38563	Pioneer Hi-Bred International, Inc.	12/05/1996	✓
RK	8	WO	97/35023	Pioneer Hi-Bred International, Inc.	09/25/1997	✓
RK	9	WO	97/20078	Affymax Technologies	06/05/1997	✓

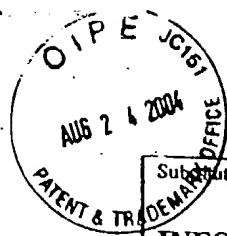
Examiner
Signature

Russell Kallij

Date
Considered

10/15/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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INFORMATION DISCLOSURE
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Sheet

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of

2

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NON PATENT LITERATURE DOCUMENTS

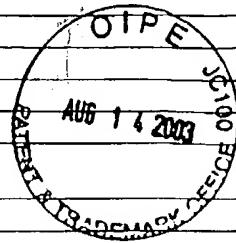
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
RK	10	ALTBACH et al., Enhancement of the Methionine Content of Seed Proteins by the Expression of a Chimeric Gene Encoding a Methionine-Rich Protein in Transgenic Plants, Plant Molecular Biology, 1989, pages 513-522, vol. 13, Belgium	✓
RK	11	SCOTT et al., Searching for Peptide Ligands with an Epitope Library, Science, 1990, pp. 386-390, vol. 249	✓
RK	12	STASWICK, P., Novel Regulation of Vegetative Storage Protein Genes, The Plant Cell, January 1990, pages 1-6, vol. 2.	✓
RK	13	STEMMER, W., Rapid Evolution of a Protein <i>In Vitro</i> By DNA Shuffling, Nature, Aug. 4, 1994, pages 389-391, vol. 374	✓
RK	14	STEMMER, W., DNA Shuffling by Random Fragmentation and Reassembly: <i>In Vitro</i> Recombination for Molecular Evolution, Proc. Natl. Acad. Sci. USA, Oct. 1994, ppages 10747-10751, vol. 91	✓
RK	15	HONGDI et al., A Phage Display System for Studying the Sequence Determinations of Protein Folding, Protein Science, 1995, pp. 1108-1117, vol. 4	✓
RK	16	MARCELLINO et al., Modified 2S Albumins with Improved Tryptophan Content are Correctly Expressed in Transgenic Tobacco Plants, FEBS Letters, 1996, pages 154-158, vol. 385	✓
RK	17	MOLVIG et al., Enhanced Methionine Levels and Increased nutritive Value of Seeds of Transgenic Lupins (<i>Lupinus Angustifolius L.</i>) Expressing a Sunflower Seed Albumin Gene, Proc. Natl. Acad. Sci. USA, Aug. 1997, pages 8393-8398, Vol. 94, Agricultural Sciences	✓
RK	18	FRIGUET et al., Immunochemical Analysis of Protein Conformation, Protein Structure a Practical Approach, pp. 287-310, IRL Press, Oxford University Press, MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB2 2QH, UK	✓

RTA01/2072075v1

Examiner Signature	Russell Kally	Date Considered	10/15/04
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Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/478,567
				Filing Date	January 6, 2000
				First Named Inventor	Rao
				Group Art Unit	1638
Examiner Name	Russell Kallis				
Sheet	1	of	1	Attorney Docket Number	035718/193735



U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5,288,629	02-22-1994	Berkner	AUG 18 2003 TECH CENTER 1600/2900
	2	US-5,559,223	09-24-1996	Falco <i>et al.</i>	

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OTHER DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
RK	3	ARNOLD, F.H., <i>et al.</i> , "Optimizing Industrial Enzymes by Directed Evolution," <i>Adv. Biochem. Eng. Biotechnol.</i> , 1997, pp. 1-14, Vol. 58.			
RK	4	DYER, J.M., <i>et al.</i> , "Extensive Modifications for Methionine Enhancement in the beta-Barrels Do Not Alter the Structural Stability of the Bean Seed Storage Protein Phaseolin," <i>J. Protein Chemistry</i> , 1995, pp. 665-678, Vol. 14(8).			
RK	5	GOLDBERG, M.E., "Investigating Protein Conformation, Dynamics and Folding with Monoclonal Antibodies," <i>TIBS</i> , 1991, pp. 358-362, Vol. 16(10).			
RK	6	JAYNES, J.M., "De Novo Designed Synthetic Plant Storage Proteins: Enhancing Protein Quality of Plants for Improved Human and Animal Nutrition," <i>Proceedings of Alltech's 10th Annual Symposium, Lexington, KY, May 1994</i> , pp. 129-153.			
RK	7	LOPES, M.A., "Approaches for Enhancing the Lysine Content of Maize Seed," <i>Biotechnol. Nutr. Proc. Int. Symp. 3rd</i> , 1992, pp. 237-252.			

Examiner Signature	Russell Kallis	Date Considered	10/15/04
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